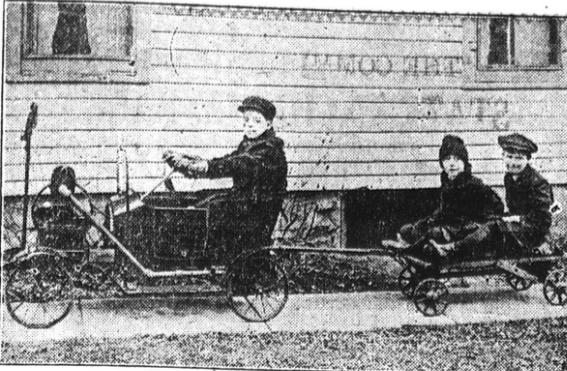


BOY BUILDS HIS OWN AUTOMOBILE



Clarence Sutcliffe of Aurora, Ill., though only twelve years of age, constructed his own automobile from parts of old machinery and a motor and some gas pipe and gocart carriage wheels. The boy, who is shown driving his car with a tender attached, is of mechanical turn of mind. The little auto will pull twice its own weight.

KEEP BRAKES IN CONDITION

Expert Advises Inspection of All Apparatus at Least Once a Month.

MEANS BIG SAVING OF TIRES

Whenever Possible, Sliding the Wheels When Stopping Car Should Be Avoided—Lubrication of High Importance.

The state laws of Ohio and many other states require that the brakes and mechanism of every car driven on the public highways shall be in good working order. The reason for this is

obvious and should be remembered at all times by everyone who drives a car. The proper adjustment of the brakes in order to make them work efficiently at all times requires experience and skill. If the brake bands are adjusted a little too tight or close, they will then drag, and besides using an excessive amount of gasoline to drive the car, will sometimes become hot enough to burn out the lining and in rare cases set the car on fire. If the bands are a little too loose then the brake pedal will go clear against the floor board before producing the proper braking effect. If one brake band be a little tighter than the other, most of the braking effect is on the wheel with the tighter band, which means that this wheel will stop spinning and thus slide the tire with but little braking effect on the other wheel. This means, first, the spooling of the tire in a few hundred miles of

service, and, second, very poor braking or retarding effect. Therefore, it is quite necessary that each one of the two sets of brakes on a car should be adjusted that it is possible to slide both wheels with the action of either set of brakes without the aid of the other. At the same time, the wheels should be perfectly free to turn when the brake is not in use. Ordinarily when stopping the car, we do not wish to slide the wheels, as this places unnecessary stress on the brakes and braking mechanism and also pulls or tears a lot of rubber off or the tread of the tires which are sliding. Another reason is that a car will not stop so quickly with the wheels sliding as when the brakes are applied just hard enough to permit them to turn. All of the brake mechanism, such as the bands, pins, yokes and rods, should be inspected regularly at least once a month to see whether they are becoming worn enough to be weakened. Many serious accidents have been caused by a brake rod, yoke or pin breaking at a critical moment when the brake was applied suddenly and a little harder than usual, writes an auto expert, in the Cleveland Plain Dealer.

It may be true that the reserve brake, or emergency brake, as it is more often called, was at the time in perfect working condition, but the time required to get this emergency brake into action after the other had given away was too great to prevent a crash. There are usually several places on the brake mechanism which require periodical oiling and lubricating, and the driver who conscientiously takes care of this lubrication and checking of the parts to see whether they are worn, is one at least who goes a long way towards the prevention of accidents and the saving of human life. A fact which very few people realize, perhaps, is the distance covered by a vehicle in one second of time when going at, say, 30 miles an hour. By a little figuring with a pencil and paper, you will find that when going 30 miles an hour, the car is moving a distance of 44 feet in every second. When we think this over and consider that so many drivers travel at this rate of speed, we wonder that there are not more accidents, and we can easily agree with the police department and the safety council in trying in every way possible to keep the speed down within the legal limit. Another point which is interesting to all drivers is the space required to stop a car traveling at various speeds on dry pavement with the brakes in perfect condition. Traveling at ten miles an hour, a car may be stopped in less than its own length or approximately nine and one-half feet. Traveling 20 miles an hour, or twice as fast, the distance required to stop is four times as great or approximately 38 feet. Traveling 30 miles an hour, the shortest distance in which it is possible to stop is not three times as much as ten miles, but nine times as much, or a trifle over 85 feet. This means that the distance in which we can stop increases as the square of the speed at which we are traveling. These distances represent an emergency stop under ideal braking conditions and if the streets are wet or slimy, these distances must be multiplied many times. Therefore, again the writer says, BE CAREFUL.

The chap who believes two can live as cheaply as one changes his argument when he sees a married man's bills coming in. The trouble with too many of our people is they think the best place to make money is some other place. Our idea of a rattling good time would be to get a dog and name him "Taxes" and then tie a tin can to his tail.

News of the Churches

FIRST BAPTIST CHURCH OF TORRANCE

"The Church of the Open Bible." The pastor preaches Sunday morning on the subject: "GOING INTO THE NEW YEAR WITH A PANFARE OF TRUMPETS." This sermon is designed to be of help to all during the coming year 1923. You are cordially invited to be present. The hour is 11:00 o'clock.

In the evening the pastor will continue the series of sermons on "The Signs of the Times," the fourth sermon being: "THE SOCIAL SIGN." The regular annual Watch Night service will be held Sunday evening, commencing at the hour of 10:30. All interested in Song, Testimony, and Prayer are invited to gather at this hour. It will be a time of deep spiritual profit. The pastor and others will give short talks. "I am the vine, ye are the branches; He that abideth in me, and I in him, the same bringeth forth much fruit; for without me ye can do nothing." John 15:5. Rev. Stanley H. Thorpe, pastor.

FIRST METHODIST EPISCOPAL CHURCH

Gordon A. Riegler, minister. 9:45 a. m.—Bible school. D. C. Turner, superintendent. 11:00 a. m.—Morning worship. 6:15 p. m.—Epworth League service. John Richart, president. This will be a pleasant service; a friendly service; a service good for young people, and a place where your smile and good will goes miles and miles. Worshipping at present at the Legion Hall.

CATHOLIC SERVICES

Catholic services will be held every Sunday morning at 9:30 o'clock at the Torrance Catholic hall, on North Cota.

Christ Episcopal Mission.

Torrance Auditorium, 9 a. m. Morning Prayer and sermon. Rev. Thos. P. Swift, Rector.

KEYSTONE CHURCH

Keystone residents please don't forget the growing Bible school at A. L. Parsons' place on Myler street, north of Ocean avenue Sundays at

CHRISTIAN SCIENCE SOCIETY

The Christian Science Society of Wilmington, Calif., holds regular services at the church on Island avenue, corner of West 1 street, one block north of Anaheim boulevard, Wilmington, Calif. Sunday at 11 a. m. Sunday school at 9:30. Testimonial meetings Wednesday evening at 7:30.

City Engineer Jessup and family enjoyed a family reunion Christmas party in Whittier, Monday.

Maybe you didn't know it, but a girl likes to be caught getting kissed just as much as she pretends not to.

STOP CATARRH! OPEN NOSTRILS AND HEAD

Says Cream Applied in Nostrils Relieves Head-Colds at Once.

If your nostrils are clogged and your head is stuffed and you can't breathe freely because of a cold or catarrh, just get a small bottle of Ely's Cream Balm at any drug store. Apply a little of this fragrant, antiseptic cream into your nostrils and let it penetrate through every air passage of your head, soothing and healing the inflamed, swollen mucous membrane and you get instant relief. Ah! how good it feels. Your nostrils are open, your head is clear, no more hawking, snuffling, blowing; no more headache, dryness or struggling for breath. Ely's Cream Balm is just what sufferers from head colds and catarrh need. It's a delight.

MICKIE SAYS EVERY ONCE IN A WHILE A FELLER ASKS UT, 'T JUMP ON TH' MANOR, OR 'DOWN BOARD, OR BOUNTY OFFICIALS OR SOMEBODY, HES PEEVED AT! NEWSPAPER EDITORS USED TO BE EASY ENUFF TO DO IT, BUT THEM DAYS IS GONE FOREVER, AS TH' POET SET!



KEYSTONE NOTES

One of the real big Christmas dinners in Keystone was held at the home of H. C. Raynes, Myler and Wilmington streets. This dinner is an annual reunion for the Raynes family. This year it fell upon Mrs. Raynes to supply the eats. The attendance was made up of two sisters and one brother, with their families. Mrs. Raynes' mother, a couple of distant relatives who have been present at all previous dinners. In all twenty-three sat down to partake of a twenty-six pound turkey. Mr. and Mrs. Paul C. Morse spread their Christmas dinner, Sunday, to a mob. Paul says it was all one-sided. Thirty-three visitors, all Mrs. Morse's relatives but three, and they were friends. Three big turkeys were just enough to tide the gang over for twelve more long months. A nice Christmas tree was well laden with presents for the seven little ones who helped to make up the crowd.

The Chamber of Commerce is making fine progress on their new hall. Arrangements are just about completed and the plans are up to the committee for approval. Ground should be broken by the 10th or 15th of January.

The county road gang was busy on our roads again last week on a few of the low spots. A little cooperation and all our streets will be good. The road men would appreciate a little thoughtful driving over newly fixed places until they are packed harder.

Do not forget the Modern Woodmen show at the Torrance theatre January 9th and 10th.

The Keystone Crochet club met at the home of Mrs. I. P. Gates on Amella street Wednesday, December 21 for their annual Christmas dinner. Mrs. Gates had a beautiful tree and a wonderful feed, all members bringing their specialty in cooking. The table just groaned with the good things to eat. After dinner Miss Viola Rocque played Santa and all members received many beautiful and useful presents. Everyone left happy, and wishing for the next year to be as pleasant as the past two have been.

J. W. Jennings has a new Scripps-Booth car. Mr. and Mrs. Naman and family spent Christmas at Redlands. I. P. Gates and family spent the Christmas day with Mr. Gates' parents, in Los Angeles.

Mr. S. Jensen of Carson street received a new Chevrolet car for Christmas. Mr. and Mrs. Benson and baby, John, spent Christmas with Mrs. Charles Vogel and family of Amella street.

Mr. C. Strong of Dolores street spent Christmas with his parents at Long Beach. Mr. Spencer of Grace street has been using a lot of paint lately—on his house.

Mr. and Mrs. Everard and Miss Bertha Everard of Pasadena, and Mrs. Rocque and Miss Viola Rocque of Los Angeles spent Christmas with their children, Mr. and Mrs. H. Rocque of Grace street.

Mr. E. Stevens and family had Christmas dinner in their new home on the boulevard. Mr. and Mrs. P. Deseren and Miss Mildred spent the day with

TORRANCE NOTES

Mrs. Gus J. Greb of Newark, Cal., is visiting her mother, Mrs. Dora Schmidt, and other relatives here, during the holiday season.

Mr. and Mrs. J. S. Saddy and daughter, Lyle Louise, of Kern Court are entertaining Miss Mary Lourette and Elmer Lourette from Kalamazoo, Mich., their old home.

Key contest closed at the Dolley Drug Store. Bring all your keys in. They must be in by January 1. If the proper key has not been turned in at this time, there will be another drawing—Advertisement.

The American Legion Auxiliary will hold their annual meeting on Monday evening, January 8, in the club room at American Legion Hall.

A family dinner was enjoyed at the home of Mr. and Mrs. Thomas Wilks of Vista Highlands, Christmas. All their relatives living here in Torrance were their guests.

Mrs. Roy Colburn of Vista Highlands has her mother, Mrs. Comstock of Philadelphia, visiting her. She arrived last week to be here for Christmas.

Mr. and Mrs. Forrest Young had as their house guests from Saturday until Monday evening the latter's parents, Mr. and Mrs. F. L. Sexton of Anaheim, and Miss Ellen Young of Los Angeles.

Mr. and Mrs. E. N. Tomkins had as their guests Christmas day Mr. and Mrs. Chester Dexter, Mr. and Mrs. L. J. Acree, Dr. and Mrs. Raymond Tomkins, Mr. Garrison, Mr. and Mrs. William Downer of Glendale and Mrs. M. J. Acree.

Mr. and Mrs. J. C. McVey entertained at dinner their relatives, Mr. and Mrs. T. J. Day, Mr. and Mrs. Charles S. Lyons, Miss Lillian Kearns, Edward Kearns, and Mr. and Mrs. Frank Nece of Los Angeles, Christmas day.

Mr. and Mrs. R. Springer of Vista Highlands had as their dinner guests Christmas Mr. and Mrs. Windel Larson, Mr. Beck, Mrs. Springer and daughter, Isabella; Dr. and Mrs. White and daughter, of Redondo Beach.

Mr. and Mrs. Charles Stock of West Carson street entertained a large party of relatives at a family dinner Sunday. Their guests were Mrs. Dora Schmidt, Mr. and Mrs. Rignold Springer and daughter, Mrs. G. J. Grebs of Newark, Cal., Mr. and Mrs. Herbert Wiese of Hermosa Beach, Mrs. Anna Leake of San Pedro and Edward Pietzschke of Long Beach.

their son and family in Los Angeles. Mr. F. Jackson of Long Beach spent the afternoon at the Berry home.

Mr. and Mrs. George W. Parish and family, Elsie, Donald, and Jack, of Bakersfield, and Mr. Erle Parish of Long Beach spent the week end and Christmas with C. A. Wilson and family of Amella street.

Mr. C. A. Wilson and son, Roy, are leaving for a camping trip for a few weeks. Mr. Wilson will look after some mining property.

Advertisement for Fess Grocery. It features a cartoon character of a man with a large, overflowing basket of groceries on his head. The man is smiling and pointing towards the text. The text reads: 'We hold up the QUALITY and hold down the PRICES.' Below this, it says: 'We want your grocery business—all of it. Give us some of it for one month and after that you will give us all of it. Why? You will find our foods to be the very purest and best and that they cost no more than others charge for inferior stuff. Fresh Groceries; Lowest Prices. A HAPPY AND PROSPEROUS NEW YEAR TO YOU ALL. FESS GROCERY. PHONE 9 TORRANCE.'

Advertisement for Southern Pacific Lines. It features the Southern Pacific logo, which is a sun rising over a mountain range with the words 'SOUTHERN PACIFIC' below it. The text reads: 'Do You Know —that your local Pacific Electric agent is also agent for the Southern Pacific Lines? —that he can arrange every detail of a local or transcontinental journey, secure your Pullman accommodations, check your baggage from here to destination, and otherwise help you in your transportation problems? —why not do your business here in Torrance? CHARLES H. MUELLER, Agent. Southern Pacific Lines'

Advertisement for Automobile Insurance. It features a cartoon illustration of a car with a question mark above it, and a person standing next to it. The text reads: 'AUTOMOBILE INSURANCE. LIABILITY :: PROPERTY DAMAGE :: COLLISION. The Ancient Ark. You meet it all the time—coming at you only half under control. Smash! goes your car. How comforting to remember in that exasperating moment that you have INSURANCE. Call Us on the Telephone We will Furnish Information or Send Some One to See You. A. H. BARTLETT H. H. DOLLEY. Torrance General Insurance Agency. L. O. Stevens, Mgr. 1211 EL PRADO PHONE 130-W. THE TRAVELERS, Hartford, Connecticut. !!! OUR WANT ADS. GET RESULTS !!!'